

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

| | |
|------------------------|-----------------|
| Application Number | 10/646,072 |
| Filing Date | August 22, 2003 |
| First Named Inventor | Heinrich Roder |
| Art Unit | 2881 |
| Examiner Name | Unknown |
| Attorney Docket Number | 021607.0101PTUS |

(use as many sheets as necessary)

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 2 |
|-------|---|----|---|

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

| | | | |
|-------|---|----|---|
| Sheet | 2 | of | 2 |
|-------|---|----|---|

| | |
|------------------------|-----------------|
| Application Number | 10,646,072 |
| Filing Date | August 22, 2003 |
| First Named Inventor | Heinrich Roder |
| Group Art Unit | 2881 |
| Examiner Name | Unknown |
| Attorney Docket Number | 021607.0101PTUS |

[illegible]

[Signature]

4/15/05.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

295582v1



PTO/SB/08b(05-03)

Approved for use through 04/30/2003, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

| | |
|------------------------|-----------------|
| Application Number | 10,646,072 |
| Filing Date | August 22, 2003 |
| First Named Inventor | Heinrich Roder |
| Group Art Unit | 2881 |
| Examiner Name | Unknown |
| Attorney Docket Number | 021607.0101PTUS |

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|---------------------|-----------------------|---|----------------|
| | 1 | COTTER, "Time-of-Flight Mass Spectrometers", Time-of-Flight Mass Spectrometry, 1997, pp. 19-45 (Chapter 2), ACS Professional Reference Books, American Chemical Society, Washington, D.C. | |
| | 2 | MALLAT, "Discrete Image Processing", A Wavelet Tour of Signal Processing, 1998, pp. 59-66 (Subchapter 3.4 and footnote 1), Academic Press, San Diego, California | |
| | 3 | MALLAT, "Frame Projector and Noise Reduction", A Wavelet Tour of Signal Processing, 1998, pp. 135-137 (Subchapter 5.1.4), Academic Press, San Diego, California | |
| | 4 | MALLAT, "Biorthogonal Wavelet Bases", A Wavelet Tour of Signal Processing, 1998, p. 265 (preamble Subchapter 7.4), Academic Press, San Diego, California | |
| | 5 | MALLAT, "Lifting Wavelets", A Wavelet Tour of Signal Processing, 1998, p. 273 (preamble Subchapter 7.4.4), Academic Press, San Diego, California | |
| | 6 | MALLAT, "Separate Multiresolutions", A Wavelet Tour of Signal Processing, 1998, p. 304 (Subchapter 7.7.1), Academic Press, San Diego, California | |
| | 7 | MALLAT, "Wavelet Thresholding", A Wavelet Tour of Signal Processing, 1998, pp. 458-466 (Subchapter 10.2.4), Academic Press, San Diego, California | |
| | 8 | DAUBECHIES, "Discrete Wavelet Transforms: Frames", Ten Lectures on Wavelets, 1992, p. 53 (preamble Chapter 3), Society for Industrial and Applied Mathematics, Philadelphia, Pennsylvania | |
| | 9 | DAUBECHIES, "Characterization of Functional Spaces by Means of Wavelets", Ten Lectures on Wavelets, 1992, p. 289 (preamble Chapter 9), Society for Industrial and Applied Mathematics, Philadelphia, Pennsylvania | |
| | 10 | DAUBECHIES, "Generalizations and Tricks for Orthonormal Wavelet Bases", Ten Lectures on Wavelets, 1992, p. 313 (preamble Chapter 10), Society for Industrial and Applied Mathematics, Philadelphia, Pennsylvania | |
| | 11 | NELSON and GAILLY, "Statistical Modeling", The Data Compression Book, Second Edition, 1996, pp. 153-200 (Chapter 8), M&T Books, New York, New York | |

Examiner
SignatureDate
Considered

4/15/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.